

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082018\
 Data File : VD059839.D
 Acq On : 20 Aug 2018 19:11
 Operator : JC/SY
 Sample : J4501-07RE
 Misc : 5.04g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081318-SSW-45-022RE

Quant Time: Aug 21 05:38:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 21 04:40:12 2018
 Response via : Initial Calibration

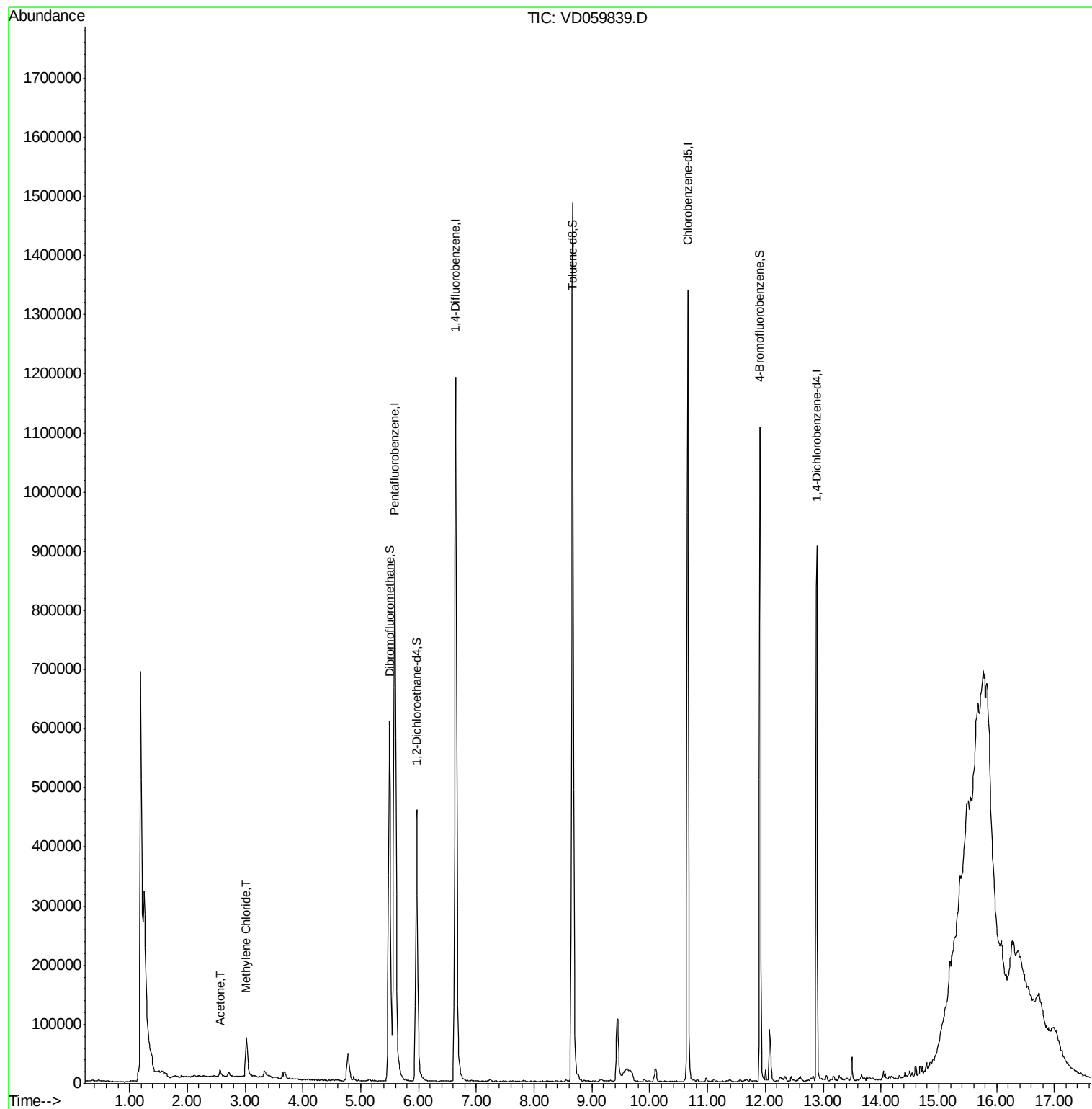
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.60	168	920959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.64	114	1295466	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.65	117	780961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.89	152	220129	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.97	65	391453	53.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.22%	
35) Dibromofluoromethane	5.50	113	510528	53.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.56%	
50) Toluene-d8	8.67	98	1241443	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
62) 4-Bromofluorobenzene	11.90	95	327558	33.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.08%	
Target Compounds						
16) Acetone	2.57	43	20111	16.28	ug/l	97
20) Methylene Chloride	3.02	84	31569	1.83	ug/l	95

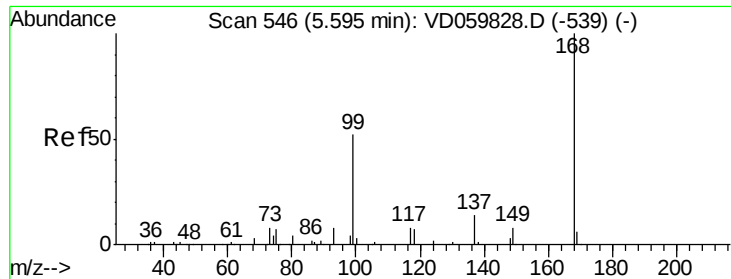
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082018\
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Quant Title : SW846 8260
QLast Update : Tue Aug 21 04:40:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.60 min Scan# 546

Delta R.T. 0.00 min

Lab File: VD059839.D

Acq: 20 Aug 2018 19:11

Instrument :

MSVOA_D

ClientSampleId :

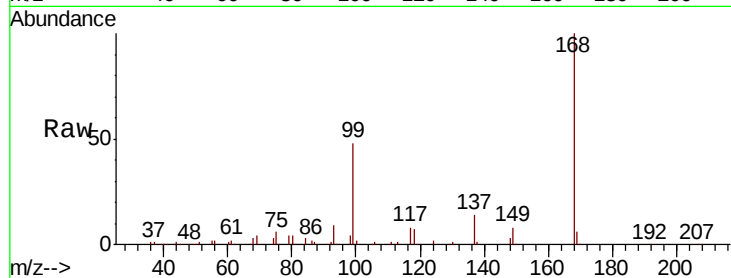
RA-081318-SSW-45-022RE

Tot Ion:168 Resp: 920959

Ion Ratio Lower Upper

168 100

99 48.4 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.60

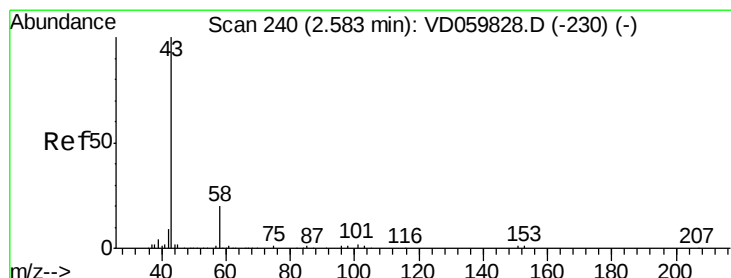
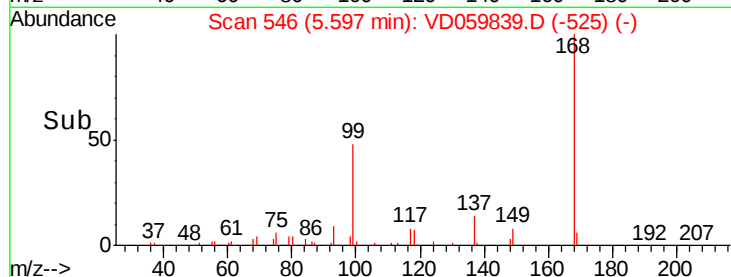
300000

200000

100000

0

Time--> 5.40 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 16.28 ug/l

RT: 2.57 min Scan# 238

Delta R.T. -0.02 min

Lab File: VD059839.D

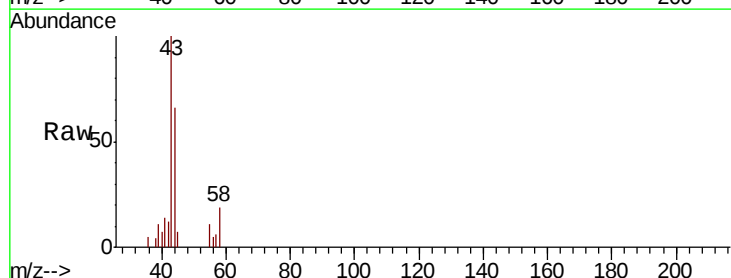
Acq: 20 Aug 2018 19:11

Tgt Ion: 43 Resp: 20111

Ion Ratio Lower Upper

43 100

58 18.9 16.2 24.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

10000

8000

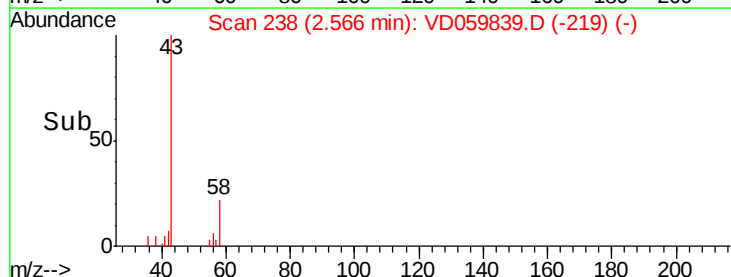
6000

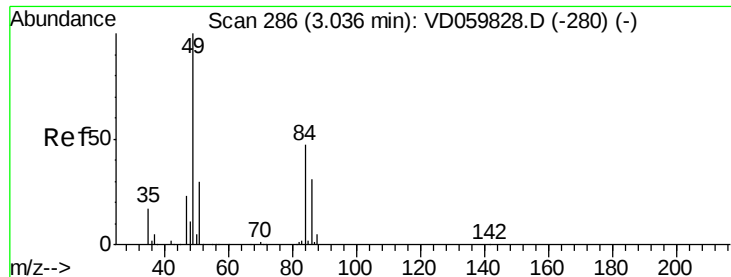
4000

2000

0

Time--> 2.50 2.55 2.60

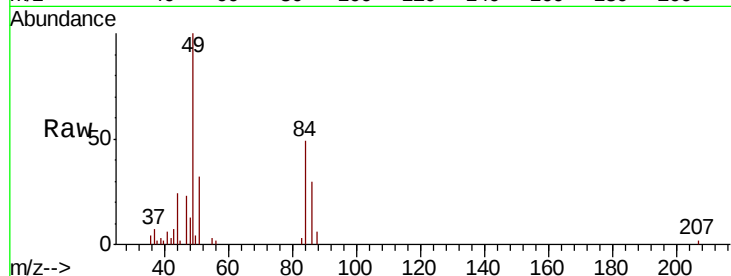




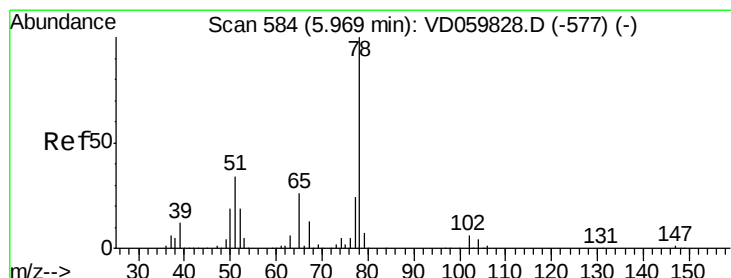
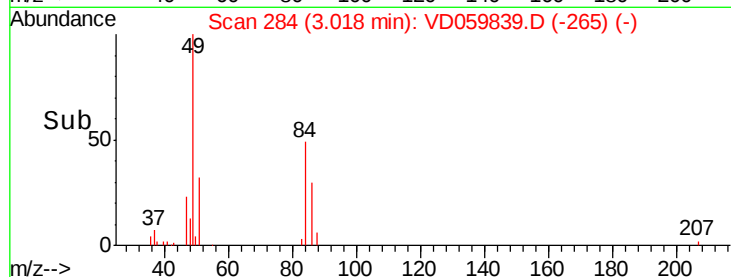
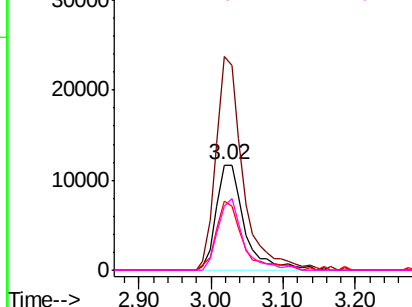
#20
Methvlene Chloride
Concen: 1.83 ug/l
RT: 3.02 min Scan# 284
Delta R.T. -0.02 min
Lab File: VD059839.D
Acq: 20 Aug 2018 19:11

Instrument :
MSVOA_D
ClientSampleId :
RA-081318-SSW-45-022RE

Tot Ion: 84 Resp: 31569
Ion Ratio Lower Upper
84 100
49 203.1 170.4 255.6
51 65.7 51.4 77.0
86 61.3 52.4 78.6

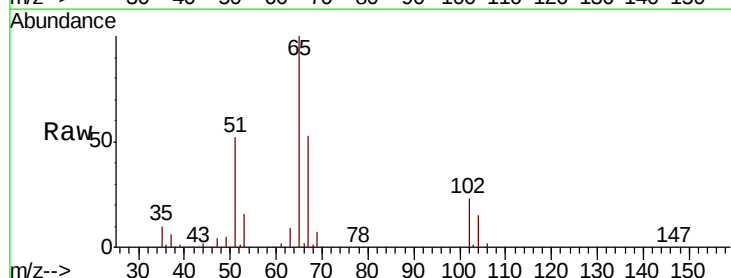


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

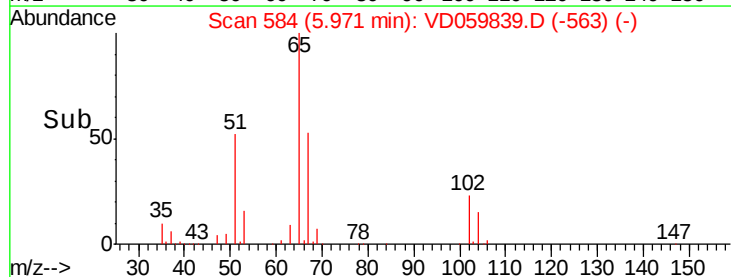
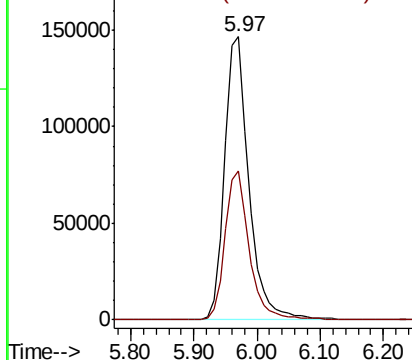


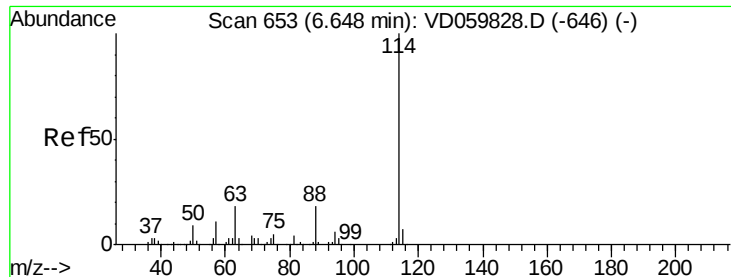
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 5.97 min Scan# 584
Delta R.T. 0.00 min
Lab File: VD059839.D
Acq: 20 Aug 2018 19:11

Tgt Ion: 65 Resp: 391453
Ion Ratio Lower Upper
65 100
67 52.8 0.0 102.4



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.64 min Scan# 652

Delta R.T. -0.01 min

Lab File: VD059839.D

Acq: 20 Aug 2018 19:11

Instrument :

MSVOA_D

ClientSampleId :

RA-081318-SSW-45-022RE

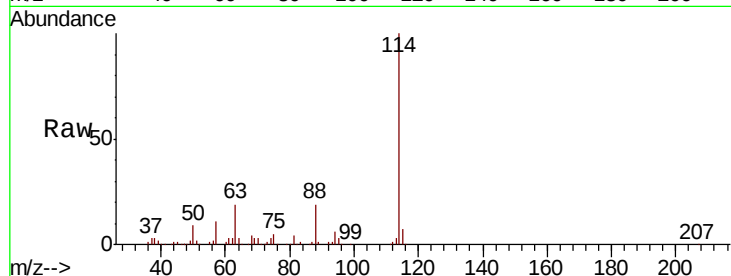
Tot Ion:114 Resp: 1295466

Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.0

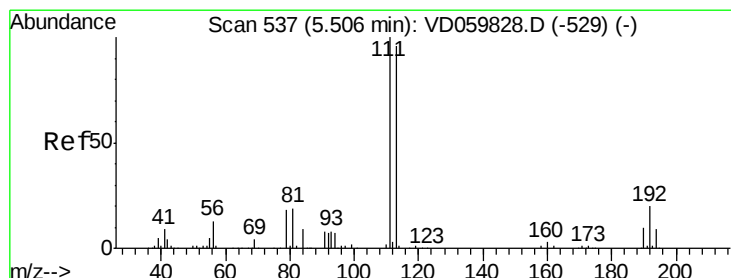
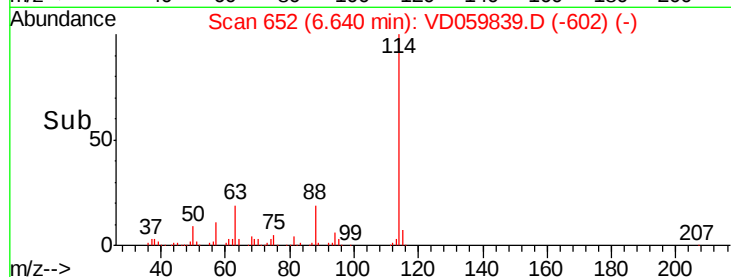
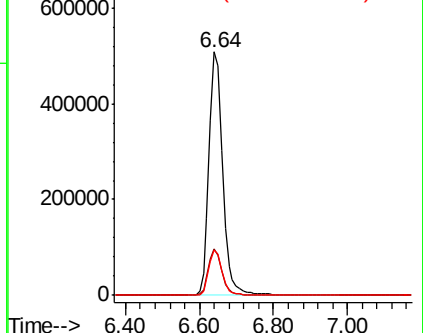
88 18.7 0.0 37.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.50 min Scan# 536

Delta R.T. -0.01 min

Lab File: VD059839.D

Acq: 20 Aug 2018 19:11

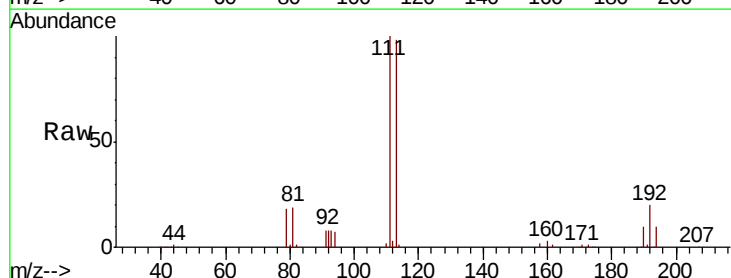
Tgt Ion:113 Resp: 510528

Ion Ratio Lower Upper

113 100

111 102.3 83.3 124.9

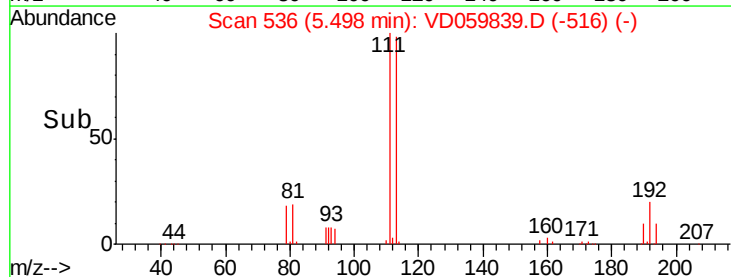
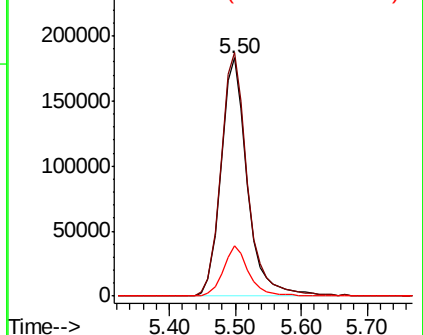
192 20.9 16.8 25.2

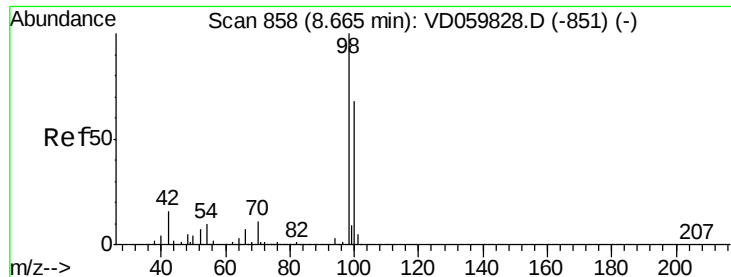


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.67 min Scan# 858

Delta R.T. 0.00 min

Lab File: VD059839.D

Acq: 20 Aug 2018 19:11

Instrument :

MSVOA_D

ClientSampleId :

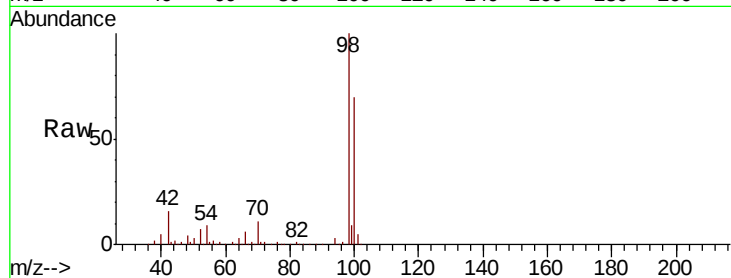
RA-081318-SSW-45-022RE

Tot Ion: 98 Resp: 1241443

Ion Ratio Lower Upper

98 100

100 69.6 55.0 82.4



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

8.67

600000

500000

400000

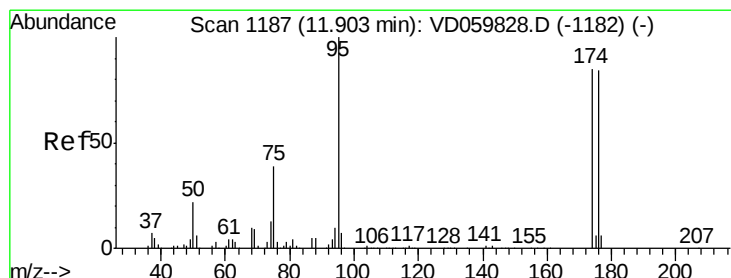
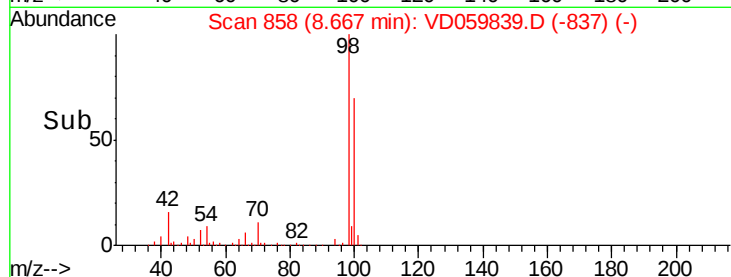
300000

200000

100000

0

Time--> 8.50 8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.90 min Scan# 1187

Delta R.T. 0.00 min

Lab File: VD059839.D

Acq: 20 Aug 2018 19:11

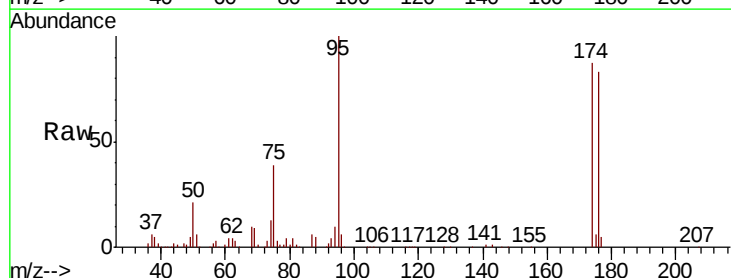
Tgt Ion: 95 Resp: 327558

Ion Ratio Lower Upper

95 100

174 87.4 0.0 169.2

176 83.2 0.0 168.0



Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

300000

250000

200000

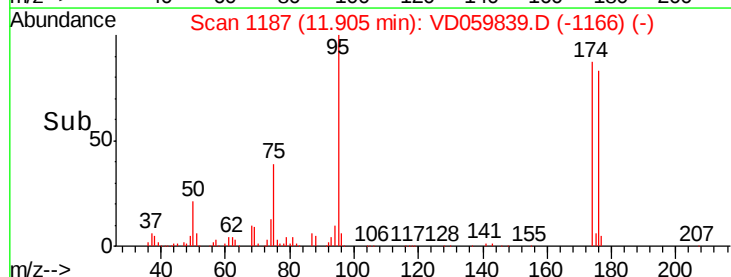
150000

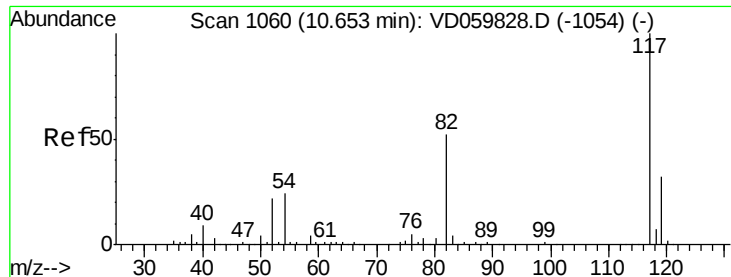
100000

50000

0

Time--> 11.80 11.90 12.00

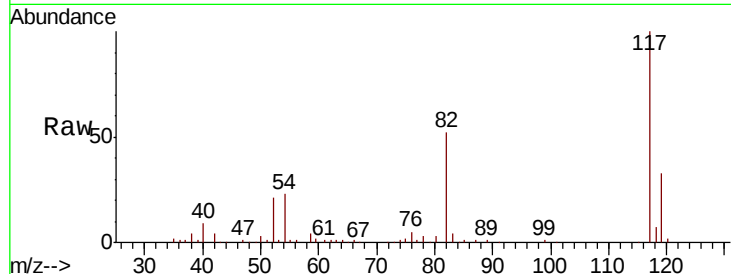




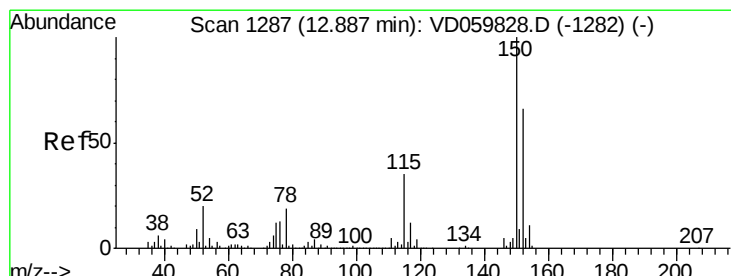
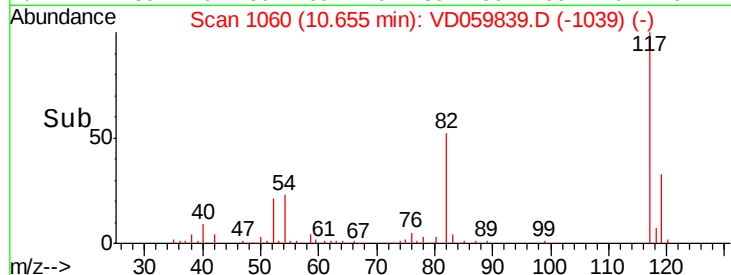
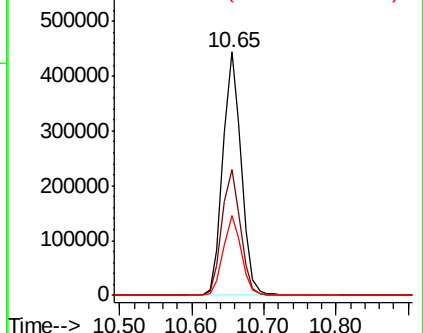
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.65 min Scan# 1060
Delta R.T. 0.00 min
Lab File: VD059839.D
Acq: 20 Aug 2018 19:11

Instrument :
MSVOA_D
ClientSampleId :
RA-081318-SSW-45-022RE

Tot Ion:117 Resp: 780961
Ion Ratio Lower Upper
117 100
82 51.9 41.6 62.4
119 32.8 25.6 38.4

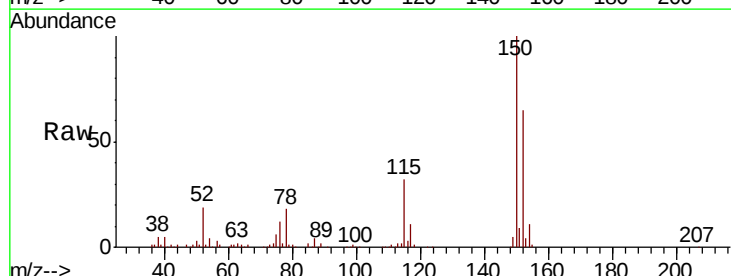


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.89 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VD059839.D
Acq: 20 Aug 2018 19:11

Tgt Ion:152 Resp: 220129
Ion Ratio Lower Upper
152 100
115 50.1 26.9 80.6
150 155.0 0.0 306.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V

